

What is claimed:

1. A read stripe within an actuator head of a storage device configured to collect read signals from the surface of a storage medium, the read stripe comprising:

    a first read lead having a first section situated at a closer distance to a write wire and a second section situated at a farther distance to the write wire; and

    a second read lead having a first section situated at the farther distance to the write wire and a second section situated at the closer distance to the write wire;

    wherein the first read lead crosses the second read lead.

2. The read stripe of claim 1, wherein the first read lead crosses the second read lead at a location on the first read lead between the first section of the first read lead and the second section of the first read lead and a location on the second read lead between the first section of the second read lead and the second section of the second read lead.

3. The read stripe of claim 1, wherein the first section of the first read lead is configured parallel to the first section of the second read lead.

4. The read stripe of claim 1, wherein the second section of the first read lead is configured parallel to the second section of the second read lead.

5. The read stripe of claim 1, wherein the first section of the first read lead is equal in length to the first section of the second read lead.

6. The read stripe of claim 1, wherein the second section of the first read lead is equal in length to the second section of the second read lead.

7. The read stripe of claim 1, wherein a voltage induced by the write wire in the first section of the first read lead is approximately equal to a voltage induced by the write wire in the second section of the second read lead.

8. The read stripe of claim 1, wherein a voltage induced by the write wire in the second section of the first read lead is approximately equal to a voltage induced by the write wire in the first section of the second read lead.

9. The read stripe of claim 1, wherein a total voltage induced by the write wire in the first read lead is approximately equal to a total voltage induced by the write wire in the second read lead.

10. A storage device comprising: /

a storage medium storing data; and

an actuator head configured to transmit read signals and write signals, the actuator head comprising:

a write wire; and

a first read lead having a first section situated at a closer distance to a write wire and a second section situated at a farther distance to the write wire; and

a second read lead having a first section situated at the farther distance to the write wire and a second section situated at the closer distance to the write wire;

wherein the first read lead crosses the second read lead.

11. The storage device of claim 10, wherein the first read lead crosses the second read lead at a location on the first read lead between the first section of the first read lead and the second section of the first read lead and a location on the second read lead between the first section of the second read lead and the second section of the second read lead.

12. The storage device of claim 10, wherein the first section of the first read lead is configured parallel to the first section of the second read lead.

13. The storage device of claim 10, wherein the second section of the first read lead is configured parallel to the second section of the second read lead.

14. The storage device of claim 10, wherein the first section of the first read lead is equal in length to the first section of the second read lead.

15. The storage device of claim 10, wherein the second section of the first read lead is equal in length to the second section of the second read lead.

16. The storage device of claim 10, wherein a voltage induced by the write wire in the first section of the first read lead is approximately equal to a voltage induced by the write wire in the second section of the second read lead.

17. The storage device of claim 10, wherein a voltage induced by the write wire in the second section of the first read lead is approximately equal to a voltage induced by the write wire in the first section of the second read lead.

18. The storage device of claim 10, wherein a total voltage induced by the write wire in the first read lead is approximately equal to a total voltage induced by the write wire in the second read lead.